



Odin TeleSystems Inc.

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Open Minds*

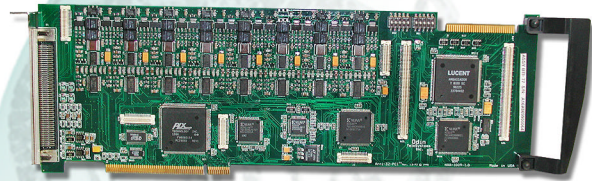
Arni-16-PCI is a high-density analog phone/fax/modem interface card for PCI based systems. With 16 analog phone interfaces (FXO), the Arni-16-PCI board offers the highest integration phone card for a variety of computer telephony and testing applications.

The Arni-16-PCI adapter board is a member of the award-winning OTX (Odin Telecom frameworX) adapter family implementing the open OTX architecture, allowing you to easily connect POTS, T1/E1/J1 and ISDN BRI boards in one single PC system.

Whether your requirements calls for implementing a flexible high density call generator, or a powerful and extendible Interactive Voice Response (IVR) Systems the Arni-16-PCI board is the product of choice.

So for the best in POTS Data and Voice Communication Adapters, the Arni-16-PCI delivers performance, value and flexibility.

Arni-16-PCI



Arni-16-PCI Adapter for POTS Data and Voice Communications

Feature Highlights

- 16 full duplex analog phone FXO (POTS) interfaces
- H.100 Computer Telephony bus interface.
- Ring detection, DTMF dialing, Pulse dialing.
- DTMF detection, Dial tone detection, Caller ID detection when
- populated with a DSP Resource board (Vidar-5x4-ASM or Vidar-55x4-ASM) in the Odin ASM daughterboard socket.
- Software programmable electrical interface parameters. Supports all the major PTT standards worldwide.
- 4 handset (speaker/microphone) connections

Arni-16-PCI Product Brief


Software Support

<i>Includes the OTX software driver, the OTX and DSP software development kits (SDKs), as well as a variety of host and DSP demo applications</i>	The OTX driver is available for Windows 98, Windows NT 4.0, Windows 2000, Windows XP, and Linux operating systems. Customized DSP applications can be developed using ANSI C and C++ language and standard third-party development tools.
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Technical Specifications

<i>Board Specification</i>	<ul style="list-style-type: none"> • Full-size PCI board
<i>Host Bus Interface</i>	<ul style="list-style-type: none"> • PCI Rev. 2.1 electrical interface • Memory mapped interface
<i>Network Interfaces</i>	<ul style="list-style-type: none"> • 16 full duplex analog phone interfaces (FXO) for the Plain Old Telephones Service (POTS)
<i>H.100 Interface</i>	<ul style="list-style-type: none"> • 32 x 2, 4, or 8 Mbit/s board-to-board highways • 256 simplex channels switchable between adapters • 1024 channels switchable locally • Backwards compatible with MVIP and SC-Bus
<i>Analog Interface functions</i>	<ul style="list-style-type: none"> • Ring detection • Pulse dialing • DTMF dialing • 16-bit linear codec
<i>DSP Resources (with optional ASM daughterboard)</i>	<ul style="list-style-type: none"> • Vidar-55x4-ASM: 4 x TI TMS320VC5510 (400 MIPS) with 16MB SDRAM each • Vidar-5x4-ASM: 4 x TI TMS320C548/549 (80 MIPS) with up to 512KB SRAM each
<i>DSP Applications supplied with the OTX driver</i>	<ul style="list-style-type: none"> • DTMF detection • Dial tone and Call Progress tone detection • Caller ID detection (FSK)
<i>Examples of third party DSP applications</i>	<ul style="list-style-type: none"> • Modem modulation 33600 bit/s (V.34-bis) • Fax modulation 14000 bit/s (V.17)
<i>H.100 Clocking Sources</i>	<ul style="list-style-type: none"> • On-board oscillator • H.100 Clock
<i>Connector</i>	<ul style="list-style-type: none"> • 100-pin high density and 50-pin centronix connector, 6-foot cable to harmonica with RJ11 connectors for POTS and handsets
<i>Phone Features</i>	<ul style="list-style-type: none"> • 4 analog interfaces (Codecs) for handset connections
<i>Power Requirements/Environmental Data</i>	<ul style="list-style-type: none"> • Power consumption: 3.9W • Temperature: <u>operating</u>, 0° C to +50° C; <u>non-operating</u>, -40° C to +60° C • Humidity: <u>operating</u>, 5% to 80% RH (%relative humidity) at up to +30° C, and 5% to 30% RH above +30° C up to +50° C non-condensing; <u>non-operating</u>, 5% to 80% RH at up to +30° C, and 5% to 30% RH above +30° C up to +50° C non-condensing • Altitude: <u>operating</u>, up to 4,600 meters (15,333 feet); <u>non-operating</u>, up to 12,192 meters (50,000 feet)

Ordering Information

<i>Product Name/Product Category</i>	Arni-16-PCI/HAA-1031-1-1.0	
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Contact Information

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